



PH5000 Series Three-Phase On Grid Solar Inverter

Feature:

- Transformerless with the best patented Topology
- Max. efficiency up to 98.4%
- Three MPPT inputs accommodating wide voltage range
- Simple national setting
- Indoors and outdoors usage (IP 65)
- Easy installation and free maintenance
- Wifi technology
- Multi-lingual display
- Reliable protection for over voltage, islanding, short circuit, overload, under voltage and over current, etc.
- 5-year quality warranty extends to 20 years (optional)

Introduction:

This three phase string inverter using three-level topology technology, the parameters are currently the best attainable level in this field. Besides, we support ODM design according to clients requirements to provide most suitable solution on solar system. The good performance are highly spoken of by both authority and end users. Especially for the leading transfer efficiency, cost-effective, modern friendly interface and long quality guarantee.

Specification

Model		PH50-3800WT	PH50-4400WT	PH50-4800WT	PH50-5200WT
INPUT (DC)	Max.DC power	3800W	4400W	4800W	5200W
	Max.DC voltage	530V	530V	530V	530V
	MPP voltage range	120V~500V	120V~500V	120V~500V	120V~500V
	MPP voltage range(Full load)	175V~500V	210V~500V	230V~500V	250V~500V
	Max. input current input A/input B	15A/15A			
	Number of MPP trackers/Strings per tracker	2/1			
OUTPUT (AC)	AC nominal power	3600W	4200W	4600W	5000W
	Max. AC apparent power	3600VA	4200VA	4600VA	5000VA
	Max. output current	18A	21A	22A	24A
	Nominal AC voltage	220V/230V/240VAC			
	AC grid frequency	50Hz/60Hz			
	Power factor (cos φ)	0.9leading-0.9lagging			
	Harmonics	<3%			
EFFICIENCY	Max. efficiency	98.0%	98.1%	98.1%	98.1%
	Euro efficiency	97.5%	97.6%	97.6%	97.7%
	MPPT efficiency	99.9%	99.9%	99.9%	99.9%
GENERAL	Dimensions(W/H/D) in mm	300/415/180			
	Weight	14kg			
	Operating temperature range	-25°C ... +60°C			
	Environmental Protection rating	IP65			
	Cooling concept	Natural convection			
	Display	LCD			
	Noise(typica)[dB]	<30			
	Communication:RS485/WIFI	yes/opt.			
	Warranty: 5/10/20 years	yes/opt./opt.			
Certificates and Approvals		CQC,VDE-AR-N4105,VDE0126-1-1,AS4777,IEC61727,IEC62116			

* Product specifications are subject to change without further notice.